BRUHATH BANGALORE MAHANAGARA PALIKE

DARASAHALLI ZONE

Name of Work :- Providing Asphalting to Krishne Gowda nagara & Coconut Garden Roads in Dasarahalli Ward No. 15 T.Dasarahalli, Sub - Division

				Est. Cost Rs.			13.90	Lakhs	
Sl.	Description	Unit	No	L.	B.	D	Qty.	Rate	Amount
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. **(Page No.138, Item No. 19.1)**	Cum							
	Krishne gowda nagara 1st cross road		2	60.00	0.90	0.45	48.60		
	Coconut garden road		2	127.00	0.90	0.45	102.87		
	Krishne gowda 1st cross		2	205.00	0.90	0.40	147.60		
							299.07	**75.60**	**22610.00**
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	**75.60**							
2	KSRRB : Construction of granular sub-baseby providing close graded material, mixing in a mechanical mix plant at OMC , carriage of mixed Material to work site, spreading in uniform layers with mortor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specification. A.Plant Mix Method. Close graded granual sub-base material as per 400-1 For Grading II Material . MORTH Chapter 4 **(Page No.151, Item No. 20.4.2)**	Cum							
	Krishne gowda nagara 1st cross road		2	60.00	0.90	0.15	16.20		
	Coconut garden road		2	127.00	0.90	0.15	34.29		
	Krishne gowda 1st cross		2	205.00	0.90	0.15	55.35		
							105.84	**1298.16**	**137398.00**
	Basic Rate	1202.00							
	Area Weightage @ 8%	96.16							
	Total	**1298.16**							

Sl.	Description	Unit	No	L.	B.	D	Qty.	Rate	Amount
	KSRRB M400.17 : Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No.406 **(Page No.154, Item No. 20.18)**	Sqm							
	Krishne gowda nagara 1st cross road		2	60.00	0.90	0.25	27.00		
	Coconut garden road		2	127.00	0.90	0.25	57.15		
	Krishne gowda 1st cross		2	205.00	0.90	0.25	92.25		
							176.40	**1438.56**	**253762.00**
	Basic Rate	1332.00							
	Area Weightage @ 8%	106.56							
	Total	**1438.56**							
4	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using meachanical means complete as per specifications. **(Page No.157, Item No. 21.6)**	Sqm							
	Krishne gowda nagara 1st cross road		2	60.00	0.90		108.00		
	Coconut garden road		2	127.00	0.90		228.60		
	Krishne gowda 1st cross		2	205.00	0.90		369.00		
							705.60	**34.56**	**24386.00**
	Basic Rate	32.00							
	Area Weightage @ 8%	2.56							
	Total	**34.56**							
5	KSRRB 500-2 : Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to rceive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH / Chapter 5 **(Page No.157, Item No. 21.2)**	Sqm							
	Krishne gowda nagara 1st cross road		1	60.00	4.00		240.00		
	Coconut garden road		1	127.00	3.80		482.60		

Sl.	Description	Unit	No	L.	B.	D	Qty.	Rate	Amount
	Krishne gowda 1st cross		1	205.00	4.85		994.25		
							1716.85	3.02	5192.00
	Basic Rate	2.80							
	Area Weightage @ 8%	0.22							
	Total	**3.02**							
6	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. **(Page No.157, Item**	Sqm							
	Krishne gowda nagara 1st cross road		1	60.00	4.00		240.00		
	Coconut garden road		1	127.00	3.80		482.60		
	Krishne gowda 1st cross		1	205.00	4.85		994.25		
	Basic Rate	17.35					1716.85	18.74	32171.00
	Area Weightage @ 8%	1.39							
	Total	**18.74**							
7	KSRRB 500-11 : Providing and laying bituminous macadam on prepared surface with cushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specification. MORTH Chapter 5 using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50mm to 75mm) with 3.3% VG-30 Bitumen **(Page No.159, Item No. 21.11.6)**	Sqm							
	Krishne gowda nagara 1st cross road		2	60.00	0.90	0.04	4.32		
	Coconut garden road		2	127.00	0.90	0.04	9.14		
	Krishne gowda 1st cross		2	205.00	0.90	0.043	15.87		
							29.33	6908.76	202634.00
	Basic Rate	6397.00							
	Area Weightage @ 8%	511.76							
	Total	**6908.76**							

Sl.	Description	Unit	No	L.	B.	D	Qty.	Rate	Amount
	KSRRB M500-18 : Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No.508 complete in all respects complete as per specifications. using 100/120 TPH capacity HMP with sensor paver Gr-II (25mm to 30mm) with 5% VG-30 Bitumen **(Page No.159, Item No. 21.20.2)**	**Sqm**							
	Krishne gowda nagara 1st cross road		1	60.00	4.00	0.03	7.20		
	Coconut garden road		1	127.00	3.80	0.03	14.48		
	Krishne gowda 1st cross		1	205.00	4.85	0.03	29.83		
							51.51	**9851.76**	**507420.00**
	Basic Rate	9122.00							
	Area Weightage @ 8%	729.76							
	Total	**9851.76**							
9	Carriage of Mixed material **page no. 186 Nate PWD SR of 13-14**	**Cum**	Qnty vide item No. 2 + 3 + 7 + 8				364.55	**52.11**	**18997.00**
	1st to 2nd KM	5.75							
	2nd to 4th KM	16.50							
	5th to 10th KM	26.00							
		48.25							
	Area Weightage @ 8%	3.86							
	Total	**52.11**							
10	Disposal of debristo the final place of desposal with all lead an lift and as direction by the engineer in charges of the work. Lead 15kms a) Basic rate for haulage of matrials as per item no.17.4/ KSRRB:- M100-4.1 ... Rs 2.00 tonne/ km b) Average earth of work 1.28 tonne/km for Rs.2.00/km c) add loading and unloading **item no.17.1 KSRRB M 100-1 Rs.62**	**Sqm**							
			Qnty vide tiem No. 1				299.07	**78.24**	**23398.00**
	2x1.28x4kmts	10.24							
		62.20							
	Basic Rate	72.44							
	Area Weightage @ 8%	5.80							
	Total	**78.24**							

Sl. No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
11	KSRB 15.20.1 : Providing and applying floor painting with ready mix two coats (Excluding prim coat) on new s concrete / masonry / asbestos cement sheet / / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. **Page No. 118/ Item No. 15.83 / PWD SR 2014-15**	Sqm							
			1	406.00	_	0.65	263.9	48.60	12826.00
	Basic Rate	45.00							
	Area Weightage 8%	3.60							
	Total	**48.60**							
13	KRIDL Charge 10% & ~~Q. C Charge~~ Service 1%= 11%						L.S		152900.00
15	Miscellaneous and UnforessenCharges + QC charges — 1%						L.S	~~8.7~~ 740.00	1390000.00
								Total	

(Rupees Thirteen Lakhs Ninty Thousand Only)

136487.00
12408.00

Grand total Rs 13,90,000

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2012-13
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-15

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

JN.C No: 015-15-00000 24 P. Code. 1771.

ನಂ. EE/00/TS/278/14-15 ದಿನಾಂಕ : 27/3/2015
ರೂ. 13.90 Lakhs (Rupees thirteen Lakhs ninty thousand only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
27/3
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ನಂ. EE/DT/AS/179/14-15 Pg/134 ದಿನಾಂಕ: 25/3/2015
Rs 13,90,000/- (ರೂ ಹದಿಮೂರು ಲಕ್ಷ ತೊಂಭತ್ತು ಸಾವಿರಗಳ) ಗಳ
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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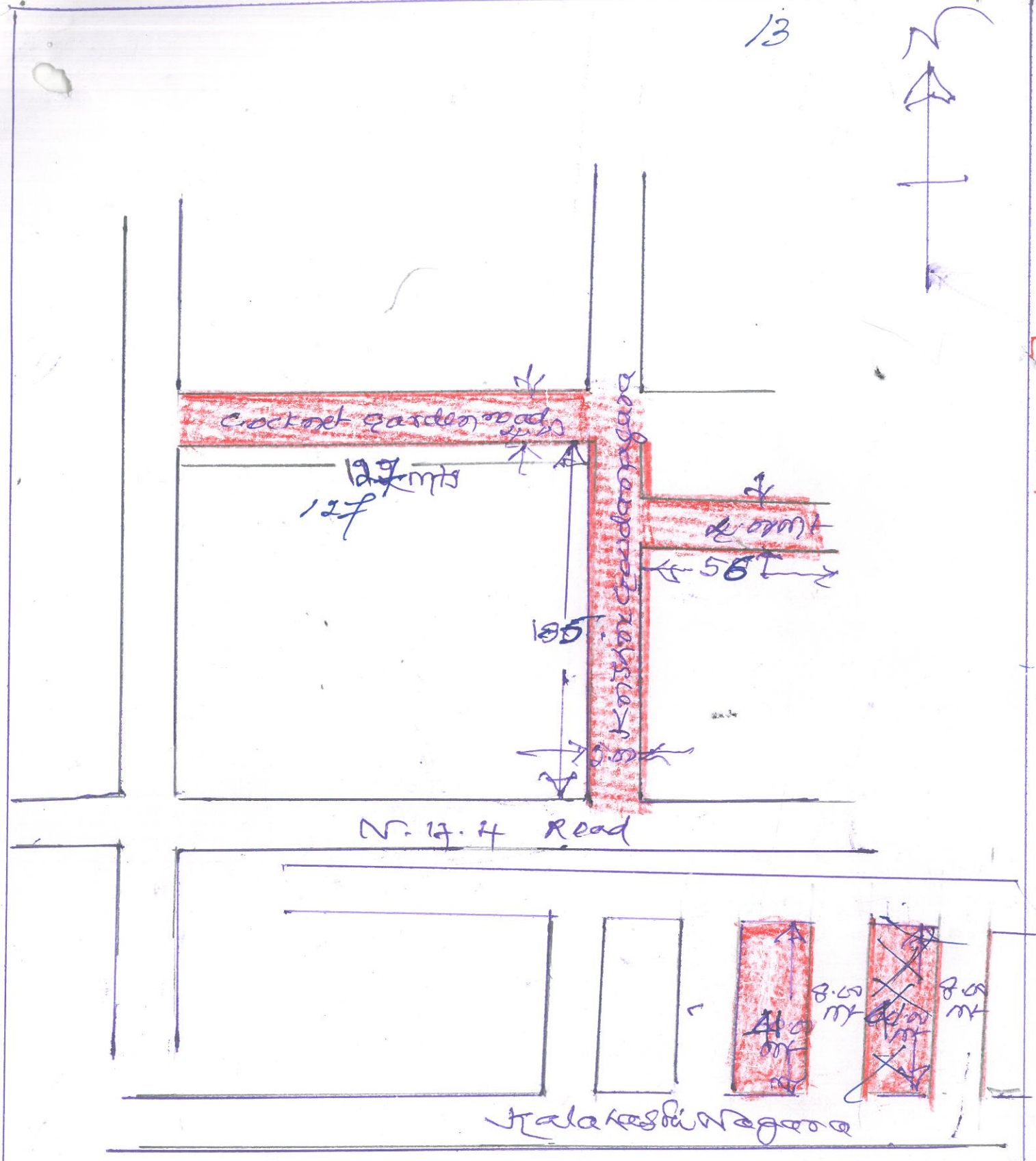

Name of work :- Providing Asphalting to Kempegowda Nagara & Cocktail Garden Road in Dasarahalli ward no 15

ಪತ್ರ ಸಂಖ್ಯೆ:
ದಿನಾಂಕ:

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ವಿಜಿಂಪಿ
ಬೆಂಗಳೂರು